



USDA – National
Agricultural Statistics
Service, Tennessee
Field Office

Weekly Weather and Crop Bulletin



Cooperating with
Tennessee Department
of Agriculture

Debra K. Kenerson, Director

Ken Givens, Commissioner

<http://www.nass.usda.gov/tn> nass-tn@nass.usda.gov Phone 1-800-626-0987

Released Weekly April – November

Issued Monday 3:00 PM, August 7, 2006

Week Ending August 6, 2006

HIT AND MISS STORMS PROVIDE SOME RELIEF

Hit and miss thunderstorms at the end of last week brought only short-lived relief from the heat and humidity and did little to improve crop conditions. Crops and pastures, where little to no rain fell last week, continued to suffer and deteriorate. Corn and cotton continued to mature ahead of last year, while soybean crop development continued ahead of the 5-year average by almost two weeks. Over eighty percent of the crop is setting pods. Double-cropped beans in some areas have showed signs of improvement due to recent rains. With more than half of the State’s tobacco crop topped, harvest began for all three tobacco types. Black Shank continued to be reported. Livestock producers were busy treating cattle for pink eye, marketing cattle, and feeding hay. Other activities accomplished during the six days suitable for fieldwork last week included applying fungicides and insecticides to row crops.

As of Friday, topsoil moisture levels were rated 20 percent very short, 43 percent short, 36 percent adequate, and 1 percent surplus. Subsoil moisture levels were rated 21 percent very short, 44 percent short, and 35 percent adequate. Temperatures last week averaged slightly above to above normal across the State, while precipitation, once again, varied greatly depending on location. Generally, rainfall was below normal through the Western and Plateau regions of the State, whereas the Middle and Eastern sections, rainfall was slightly above normal.

CROP PROGRESS: Through August 6, 2006					CONDITION: On August 4, 2006					
Crop	This Week	Last Week	2005	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excel-Lent
Percent					Percent					
Corn Dough	94	83	90	88	Corn	6	12	25	40	17
Corn Dent	69	50	57	59	Cotton	1	4	20	61	14
Corn Mature	9	2	8	10	Pastures	17	22	37	23	1
Corn Harvested for Silage	27	11	10	14	Soybeans	6	10	27	45	12
Cotton Setting Bolls	96	82	98	90	Tobacco	3	8	33	45	11
Soybeans Blooming	94	90	95	80						
Soybeans Setting Pods	82	71	88	59						
Tobacco Topped	55	43	54	58						
Burley Tobacco Harvested	5	n/a	7	5						
Air-Cured Tobacco Harvested	2	n/a	5	4						
Fire-Cured Tobacco Harvested	5	n/a	12	8						

n/a= not available

County Agent Comments

“Crop progress still continues at good pace. None at this point are showing any serious stress but if we don't get rainfall over next 7 to 10 days and temperatures continue in the mid to high nineties, we will begin to see stress conditions in weak or trouble spots in some areas and fields. Insect pressures continue to remain light in cotton and soybeans. Producers are making fungicide applications on early soybeans for diseases and will continue into next week. So far have not had a threat from rust but producers are spraying for frog eye, anthracnose, and other foliar diseases.”

Tim Campbell, Dyer County

“Weather conditions have been excellent for the beginning harvest of early set dark-fired tobacco crop. However, with the excessive heat, last weeks 1 inch rain is fading, thus, causing pastures and hayfields to suffer. A very few producers are starting to feed supplemental hay.”

Ronnie Barron, Cheatham County

“Hot and dry weather has been the story in Monroe County agriculture during this week. The moisture received in some scattered showers over the past weekend quickly evaporated in the extreme heat that followed. Pastures and late hay crops have been hard hit. Livestock producers are reporting scattered cases of pinkeye with standard treatments being only moderately effective. Some livestock producers are running out of pasture and are being forced to supplement their pasture with hay for their cattle.

Bob Sliger, Monroe County

TEMPERATURES AND PRECIPITATION
For week ending: August 6, 2006 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F Since April 1	
	Week Ending August 6, 2006				Current Week 08/06/06	Rain Days	Current Since January 1	Departure From Normal		
	HI	LO	AVG	DFN					Total	DFN
Ames_Plantation	99	70	84	6	0.21	1	27.09	-5.81	1821	254
Tri-City_RGNL_A	96	65	79	6	0.84	2	23.79	-2.27	1140	99
Brownsville_TN	97	71	84	4	0.06	1	29.9	-3.04	1890	522
Chattanooga/Lov	100	71	86	8	0.77	1	25.94	-7.59	1791	345
Clarksville_Sew	96	69	84	6	0.04	1	27.74	-3.49	1654	277
Cookeville	94	68	81	5	0.49	3	32.45	-3.08	1309	463
Covington	94	70	82	3	0	0	29.04	-3.35	1731	133
Crossville_AP	90	66	79	6	0.03	2	29.37	-5.71	1188	221
Dayton	99	67	82	6	0.31	3	23.84	-11.13	1448	152
Dickson_AG	93	67	79	2	1.55	1	32.79	-0.77	1411	-35
Dover_1W	94	68	82	6	0	0	28.8	-3.75	1529	316
Dyersburg	97	70	83	3	0.27	1	30.21	-1.06	1897	194
Erwin_1W	93	65	79	8	0.01	1	32.78	1.36	1116	-133
Huntingdon_Wate	95	69	82	5	0.05	1	32.05	-0.73	1669	368
Jackson_Exp_Stn	96	69	83	5	0.56	1	29.83	-2.95	1784	272
Kingston_AG	96	67	82	7	1.14	2	31.5	-5.3	1454	333
Knoxville_AP	95	69	83	6	0.08	1	25.52	-5.01	1602	354
Lewisburg	98	69	83	7	0.37	3	30.04	-4.68	1536	269
Lexington_TN	95	69	82	4	1.38	1	34.62	2.68	1616	707
Linden	96	70	82	6	0.63	2	31.47	-3.43	1563	284
Martin	95	68	83	5	0.35	2	35.89	2.84	1653	198
Mc_Minnville_Tn	95	70	83	6	0.78	2	33.68	-0.02	1572	-45
Memphis_AG	100	73	86	5	1.03	1	29.35	-2.6	1969	73
Milan	97	67	83	5	1.49	1	32.98	-0.65	1698	278
Murfreesboro_5N	97	70	83	6	1.89	2	35.35	2.24	1576	-27
Nashville_Metro	96	72	84	6	1.82	3	27.77	-1.96	1768	258
Newcomb	94	67	80	7	0.33	1	30.43	-3.93	1178	273
Oneida	93	67	80	8	0.46	3	32.56	-1.8	1196	-155
Portland_TN	96	69	83	7	0	0	26.29	-6.07	1482	246
Pulaski_Water_P	98	70	83	5	0.1	1	32.12	-2.28	1598	78
Savannah_6SW	100	70	84	6	0.02	1	31.94	-3.78	1787	467
Sparta_TN	96	67	82	7	0.53	1	34.11	-0.48	1494	427
Springfield	96	69	82	6	0.01	1	29.96	-1.22	1387	134
Springhill	98	71	83	7	1.69	1	31.34	-3.33	1593	331
Union_City	92	67	81	3	0.08	1	36.2	4.07	1574	151
Waynesboro_TN	96	68	81	5	0.03	2	34.77	-1.72	1451	-17

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
Copyright 2006: AWIS, Inc. All Rights Reserved

The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:
National Weather Service and the University of Tennessee's Extension.